

IN THE ABSTRACT

The Abstract as amended below with a replacement Abstract shows added text with underlining and deleted text with ~~striketrough~~.

Please **REPLACE** the Abstract as marked below to show changes. The replacement Abstract is submitted on a separate sheet (37 CFR 1.72).

--A genetic motif is extracted from at least one piece of input gene arrangement information, and; based on the extracted motif, gene arrangement information including, ~~as a part thereof~~, the motif as a part thereof is retrieved from previously ~~clarified~~sequenced gene arrangement information. The gene arrangement information as retrieved is added to the input gene arrangement information, to thereby improve a genetic motif extracting efficiency.--